

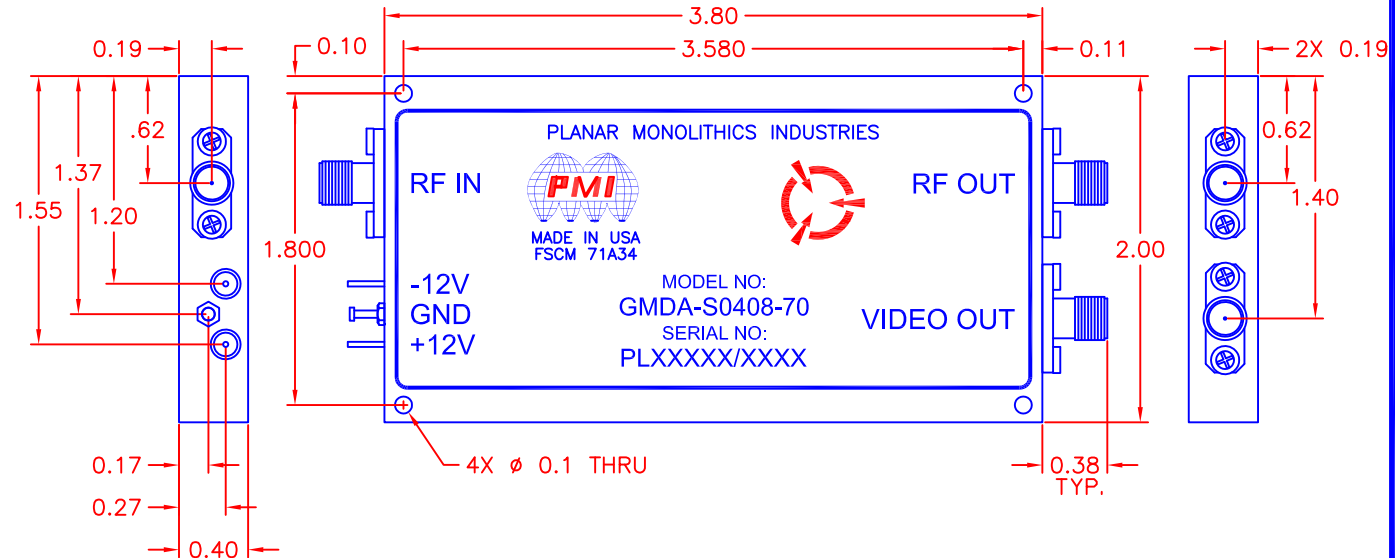
DESCRIPTION

PMI MODEL GMDA-S0408-70 IS A (4.0 TO 8.0) GHZ HIGH SPEED SDLVA WITH A LOGGING RANGE OF -70 TO +0 dBm, A TSS OF -73 dBm AND A LIMITED RF OUTPUT OF +13 dBm ±2 dB.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	6-25-15	JM

SPECIFICATIONS

- FREQUENCY RANGE: 4.0 TO 8.0 GHz
- LOGGING RANGE: -70 TO 0 dBm
- LOGGING LINEARITY: ±2.5 dB
- RISE TIME: 10 ns
- FALL TIME: 60 ns
- VSWR: 2.0:1
- TSS: -73 dBm
- LOG SLOPE: 25 mV/dB
- VIDEO IMPEDANCE: 100 OHMS
- RF OUTPUT: +13 dBm ±2.0 dB
- RF GAIN: 55 TO 60 dB TYP.
- BIAS (DC): +12V / -12V



PMI CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS

- TEMPERATURE: -40°C TO + 75°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

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APPROVALS		DATE	TITLE			
DRAWN	JOJENM	6-25-15	PRODUCT FEATURE GMDA-S0408-70 (4.0 TO 8.0) GHz SDLVA			
CHECKED	JOJENM	6-25-15	SIZE	FSCM NO.	DWG NO.	REV.
ISSUED			A	71A34	PRELIMINARY	-
			SCALE	N:S		SHEET 1 OF 1